



SEQUENCE LISTING

<110> Thule, Peter M.
<120> GLUCOSE SENSITIVE REGULATOR OF INSULIN TRANSCRIPTION
<130> US 1292/01 (VA)
<140> US 09/972,916
<141> 2001-10-10
<150> US 60/239,113
<151> 2000-10-11
<160> 14
<210> 1
<211> 51
<212> DNA
<213> Rattus norvegicus
<220>
<400> 1

catggggcgca cgggggcactc ccggtggttcc tggactctgg cccccagtgt a 51

<210> 2
<211> 219
<212> DNA
<213> Rattus norvegicus
<220>
<400> 2

tcacaagcaa aacaaactta ttttgaacac ggggatccta gcacgctgcc ctgacaatca 60
ttaaccctgt ctgccgagcc agcccttcat aaggccctgg gtatggccag ccagcatggt 120
ccactgcccg ccgagacaca aaccacgcga gcattgaaca ctgcacacgg ccatctgccc 180
agagagctgt gaccaccact tccgctacta gctagccgc 219

<210> 3
<211> 270
<212> DNA
<213> Artificial Sequence
<220>
<223> Synthesized
<400> 3

catggggcgca cgggggcactc ccggtggttcc tggactctgg cccccagtgt atcacaagca 60
aaacaaactt attttgaaca cgggggatcct agcagctgc cctgacaatc attaacctgt 120
gctgccgagc cagcccttca taaggccctg ggtatggcca gccagcatgg tccactgccc 180
gccgagacac aaaccacgcg agcattgaac actgcacacg gccatctgcc cagagagctg 240
tgaccaccac ttccgctact agctagccgc 270

<210> 4
<211> 321
<212> DNA
<213> Artificial Sequence
<220>
<223> Synthesized
<400> 4

```
tacactgggg gccagagtcc aggaaccacg ggagtgcccc gtgcgcccac gtacactggg 60
ggccagagtc caggaaccac gggagtgtccc cgtgcgcccc tgtcacaagc aaaacaaact 120
tattttgaac acgggggatcc tagcacgctg ccctgacaat cattaaccgc tgctgccgag 180
ccagcccttc ataaggccct gggatatggc agccagcatg gtccactgcc cgccgagaca 240
caaaccacgc gagcattgaa cactgcacac ggccatctgc ccagagagct gtgaccacca 300
cttcgctac tagctagccg c 321
```

<210> 5
<211> 372
<212> DNA
<213> Artificial Sequence
<220>
<223> Synthesized
<400> 5

```
tacactgggg gccagagtcc aggaaccacg ggagtgcccc gtgcgcccac gtacactggg 60
ggccagagtc caggaaccac gggagtgtccc cgtgcgcccc tgtacactgg gggccagagt 120
ccaggaacca cgggagtgtc ccgtgcgccc atgtcacaag caaaacaaac ttattttgaa 180
cacggggatc ctagcacgct gccctgacaa tcattaaccg gtgctgccga gccagccctt 240
cataaggccc tgggtatggc cagccagcat ggtccactgc ccgccgagac acaaaccag 300
cgagcattga aactgcaca cggccatctg ccagagagc tgtgaccacc acttcgcta 360
ctagctagcc gc 372
```

<210> 6
<211> 423
<212> DNA
<213> Artificial Sequence
<220>
<223> Synthesized
<400> 6

```
catgggcgca cggggcactc ccgtgggttc tggactctgg cccccagtgt acatgggctc 60
acggggcact ccgtgggttc ctggactctg gccccagtg tacatgggctg cacggggcac 120
```

tcccgtggtt cctggactct ggccccaggt gtacatgggc gcacggggca ctcccgtggt	180
tcctggactc tggccccag tgtatcacia gcaaaacaaa cttattttga acacggggat	240
cctagcacgc tgccctgaca atcattaacc cgtgctgccg agccagccct tcataaggcc	300
ctgggtatgg ccagccagca tgggtccactg cccgccgaga caciaacca gcgagcattg	360
aacactgcac acggccatct gccagagag ctgtgaccac cacttccgct actagctagc	420
cgc	423

<210> 7
 <211> 34
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthesized
 <400> 7

gcgacgcgtt cccttaggta ttccttgagt tcgg	34
---------------------------------------	----

<210> 8
 <211> 34
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthesized
 <400> 8

gcggctagct agtagcggaa gtggtggttc acag	34
---------------------------------------	----

<210> 9
 <211> 48
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthesized
 <400> 9

gggcgcacgg ggcactcccg tggttcctgg actctggccc ccagtgtgta	48
--	----

<210> 10
 <211> 51
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthesized
 <400> 10

atgtacactg ggggccagag tccaggaacc acgggagtgcc cccgtgcgcc c	51
---	----

<210> 11
<211> 21
<212> DNA
<213> Artificial Sequence
<220>
<223> Synthesized
<400> 11

accatggccc tgtggatgcg c

21

<210> 12
<211> 21
<212> DNA
<213> Artificial Sequence
<220>
<223> Synthesized
<400> 12

ctagttgcag tagttctcca g

21

<210> 13
<211> 19
<212> DNA
<213> Artificial Sequence
<220>
<223> Synthesized
<400> 13

ctggtcacatca atgggaaac

19

<210> 14
<211> 20
<212> DNA
<213> Artificial Sequence
<220>
<223> Synthesized
<400> 14

caaagttgtc atggatgacc

20